

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/582,279  
Source: IFWP  
Date Processed by STIC: 6/19/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 06/19/2006

PATENT APPLICATION: US/10/582,279

TIME: 12:18:30

Input Set : A:\c720.txt

Output Set: N:\CRF4\06192006\J582279.raw

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3 <110> APPLICANT: CytoTools GmbH
5 <120> TITLE OF INVENTION: Anti-apoptotically active aptamers
7 <130> FILE REFERENCE: C 720 US
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/582,279
C--> 10 <141> CURRENT FILING DATE: 2006-06-09
12 <150> PRIOR APPLICATION NUMBER: DE 103 584 07.2
13 <151> PRIOR FILING DATE: 2003-12-11
15 <160> NUMBER OF SEQ ID NOS: 9
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 66
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Aptamer;
27 <400> SEQUENCE: 1
28 gggagacgat attcgtccat caccggacgg gaccagaggt gccgctgtcc gactgaattc      60
30 tcgacc                                                                    66
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 66
35 <212> TYPE: RNA
36 <213> ORGANISM: Artificial
38 <220> FEATURE:
39 <221> NAME/KEY: modified_base
40 <222> LOCATION: (1)..(66)
41 <223> OTHER INFORMATION: Aptamer; U = 2'-NH2-2'-desoxyuridin; C = 2'-NH2-
2'desoxycytidin
43 <400> SEQUENCE: 2
44 gggagacgau auucguccau caccggacgg gaccagaggu gccgcugucc gacugaauc      60
46 ucgacc                                                                    66
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 21
51 <212> TYPE: RNA
52 <213> ORGANISM: Artificial
54 <220> FEATURE:
55 <221> NAME/KEY: modified_base
56 <222> LOCATION: (1)..(21)
57 <223> OTHER INFORMATION: Aptamer; U = 2'-NH2-2'-desoxyuridin; C = 2'-NH2-
2'desoxycytidin
59 <400> SEQUENCE: 3
60 accggacggg accagaggug c                                                  21
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 58
65 <212> TYPE: RNA

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66 <213> ORGANISM: Artificial

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68 <220> FEATURE:
69 <221> NAME/KEY: modified_base
70 <222> LOCATION: (1)..(58)
71 <223> OTHER INFORMATION: Aptamer; U = 2'-NH2-2'-desoxyuridin; C = 2'-NH2-
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74 gggagacgau auucguccau caccggacgg gaccagaggu gccgcugucc gacaugga          58
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 30
79 <212> TYPE: RNA
80 <213> ORGANISM: Artificial
82 <220> FEATURE:
83 <221> NAME/KEY: modified_base
84 <222> LOCATION: (1)..(30)
85 <223> OTHER INFORMATION: Aptamer; U = 2'-NH2-2'-desoxyuridin; C = 2'-NH2-
2'desoxycytidin
87 <400> SEQUENCE: 5
88 accggacggg accagaggug ccgcuguccg          30
91 <210> SEQ ID NO: 6
92 <211> LENGTH: 63
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Aptamer
99 <400> SEQUENCE: 6
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102 acc          63
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 63
107 <212> TYPE: RNA
108 <213> ORGANISM: Artificial
110 <220> FEATURE:
111 <221> NAME/KEY: modified_base
112 <222> LOCATION: (1)..(63)
113 <223> OTHER INFORMATION: Aptamer; U = 2'-NH2-2'-desoxyuridin; C = 2'-NH2-
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116 gggagacgau auucguccau cgggagcagg gaagggggcc gcuguccgac ugaauucucg      60
118 acc          63
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 18
123 <212> TYPE: RNA
124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <221> NAME/KEY: modified_base
128 <222> LOCATION: (1)..(18)
129 <223> OTHER INFORMATION: Aptamer; U = 2'-NH2-2'-desoxyuridin; C = 2'-NH2-
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131 <400> SEQUENCE: 8
132 gggagcaggg aagggggc          18
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 30
137 <212> TYPE: RNA

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138 &lt;213&gt; ORGANISM: Artificial

140 &lt;220&gt; FEATURE:

141 &lt;221&gt; NAME/KEY: modified\_base

142 &lt;222&gt; LOCATION: (1)..(30)

143 <223> OTHER INFORMATION: Aptamer; U = 2'-NH<sub>2</sub>-2'-desoxyuridin; C = 2'-NH<sub>2</sub>-2'-desoxycytidin

145 &lt;400&gt; SEQUENCE: 9

146 ucgggagcag ggaagggggc cgcuguccga

30

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/582,279

DATE: 06/19/2006  
TIME: 12:18:31

Input Set : A:\c720.txt  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9

VERIFICATION SUMMARY

DATE: 06/19/2006

PATENT APPLICATION: US/10/582,279

TIME: 12:18:31

Input Set : A:\c720.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date